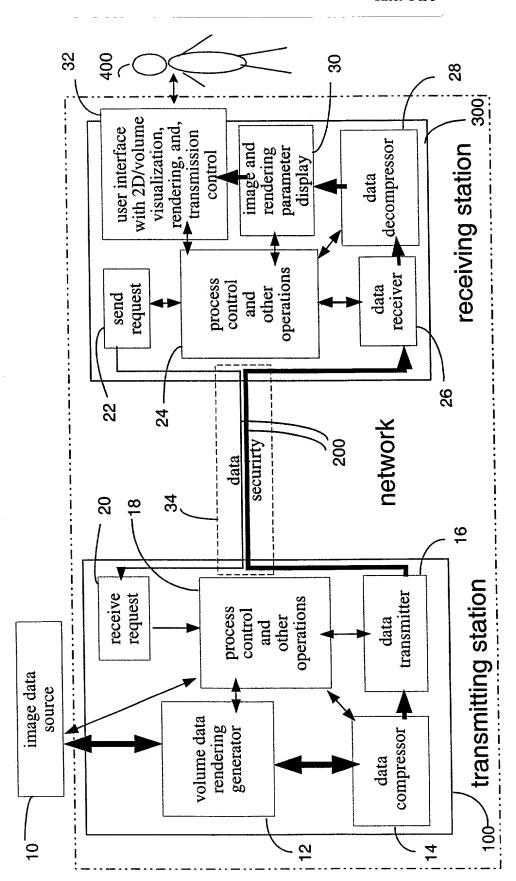
Title: On-Line Image Processing and Communication System

Inventor: Hui HU .
Application No.: NEW
Docket No.: 495392000100

Sheet 1 of 5



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Title: On-Line Image Processing and Communication System Inventor: Hui HU Application No.: NEW Docket No.: 495392000100

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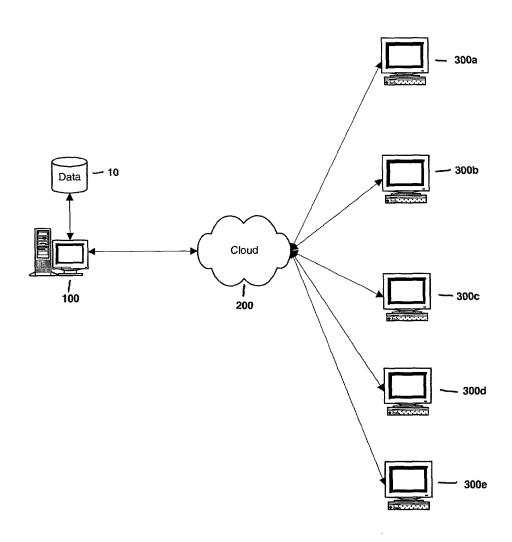


Fig. 2

Title: On-Line Image Processing and Communication System

Inventor: Hui HU Application No.: NEW Docket No.: 495392000100

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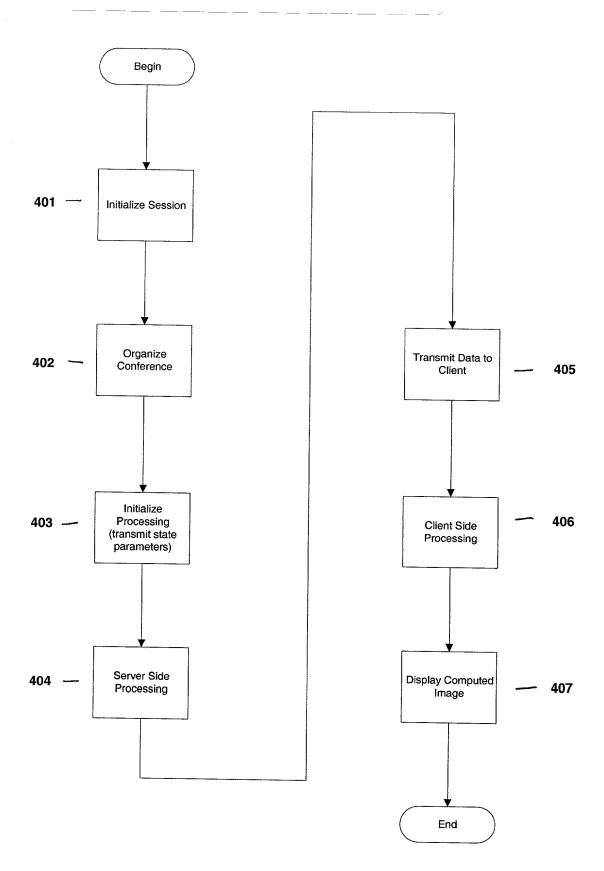


Fig. 3

Title: On-Line Image Processing and Communication System Inventor: Hui HU Application No.: NEW Docket No.: 495392000100

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State Parameter	
1 communication parameters	Description
int dataLen;	length of data (in byte) to be transmitted
int Compressed;	non zero if the data is compressed
2 data and display parameters	
int rowSize, columnSize;	The x and y dimension of the image being transmitted
int ImageRenderingMethodUsed;	0:Multislice; 1:Axial; 2:Sagittal; 3:Coronal; 4:Oblique; 5:Volume Render; 6:MIP; 7:Average; 8: MinIP; 9: Double Oblique;
int wwwl[2]	Window width and level for the image to be displayed
int pan_center[2]	The center of display field of view in the original dataset coordinate system: 0 nmax-1 for x,y. The default is the center of the full image.
int zoom_factor	The image's zoom-factor
float spacing	The pixel spacing
float rotationMatrix4x4[4][4]	Rotation matrix for current rendering.
int croppingBoundary3D[6]	Field of View, given in dataset coordinate system: xmin, xmax, ymin, ymax, zmin, zmax.
float center_ob_plane[3]	The center of oblique plane
float oblique_thickness	The thickness of the oblique plane
••••	P.M.O
3. collaboration parameters	
int conference_flag	Conference flag
int driver_ID	Driver's ID
structured annotation	Recording the cursor position and any annotation and text on the driver's computer.
Participant list	The list of designated participants
••••	Para Para Para Para Para Para Para Para

Fig. 4

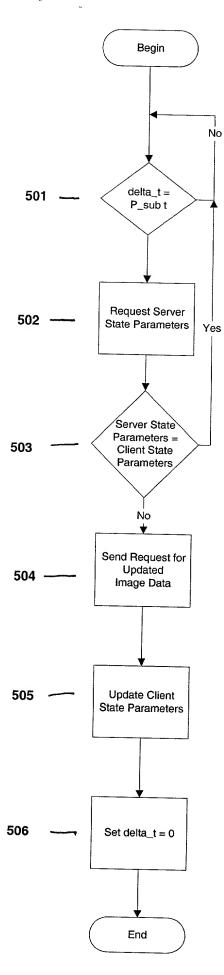


Fig. 5